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During the course of the last week the final preparations for tank 1 conditioning ran into a variety of smaller but nevertheless time consuming issues. As a result, we had to cancel the Accelerator Readiness Review that was foreseen for this week and the ARR is rescheduled to take place on August 12-14. This is the earliest possible time that the team could reconvene. While the technical issues got largely resolved over the course of this week, conditioning of the tank is supposed to start next week. Meanwhile the commissioning efforts as well as installation efforts for the other tanks are looked at to make sure that the impact is minimal. We anticipate at this point an overall slip of the DTL commissioning plan of about 6 weeks which will move the IPS milestone (DTL commissioning begin) from Dec '03 to middle of Jan '04. This will effect the CCL commissioning begin date of May '04 also but can be accommodated until Oct '04, which is still the baseline date for SCL commissioning begin. Taking into the re-sequencing of the IPS in accordance with the ongoing "end game plan", this is definitely consistent with the new IPS that will be reviewed in July. There are various contributors to this overall slip: 1) component delivery delays 2) rescheduled installation on single shift basis and safety concerns of having too many activities in a single area. Addressing all of the issues leads to the proposed move of the milestone.

Tank-4: Work has resumed on the machining of drift tube bodies cavity machining of groups A, B, C and D is in progress. Waveguide port brazing is underway.

Tank-5: Groups E and F are ready for diverter brazing and which is scheduled for next week. group G is being prepared for diverter brazing (recall this will be done prior to water channel welding and water channel weld machining preparations are done). Waveguide port brazing is underway.

Tank-6: Diverter brazing preparations for groups H and I are in progress. The water channel weld machining preparations are also complete for these units. Waveguide was plated for equatorial brazing and will be brazed once the tank-2 unit "catches up" so they can be brazed in a common heat.

Tank-2: Fabrication of qualifying example drift tube is well underway and is expected to be complete next week. All tank-2 group J drift tube bodies and sleeves were shrunk fit together; the shrink fitting of groups K, L & M is in progress. Waveguide half cell machining is underway.

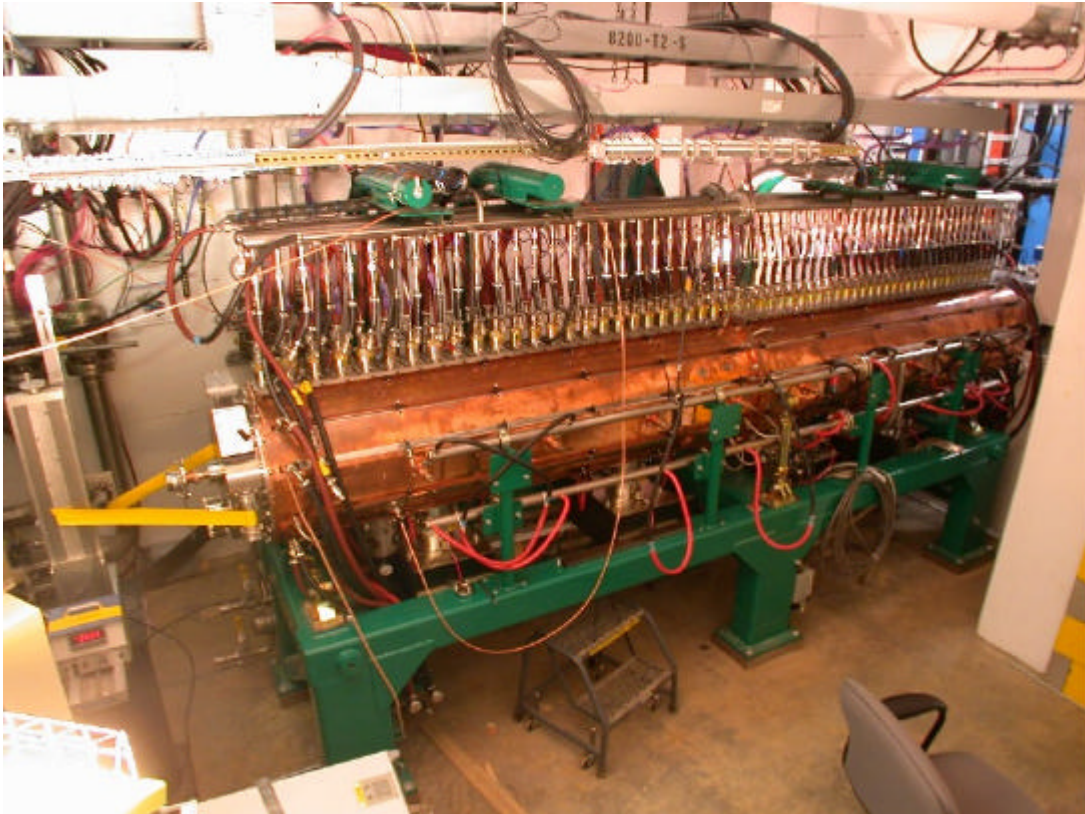
Tank-3: Rough machining of the replacement waveguide parts continues.

EMD DT's: Six magnet coils are at ORNL for mapping; the first unit for DT installation is expected at Los Alamos on 6/23. Stem to body shell piece brazes complete for tanks 3 and 4 EMD drift tubes.

Concerns & Actions: Current schedule for tank-2 drift tube completion shows inadequate time to do installation and tuning and still meet IPS milestones. Stovall and Billen were at ORNL to support RF tuning work on tank-1.

Final tuning confirmation for DTL-1 is continuing and will be completed this week. This activity took longer than expected due to problems encountered with the downstream end wall. The outer flange was found to be cupped and had to be straightened in order to finish tuning. This was completed on Monday (6-23). Iris tuning was also more problematic than expected and additional adjustments may be required after commissioning is completed. The DTL-4 tank has been leak tested in RATS and is leak tight. Cooling manifold installation will begin next week.

Attached is a picture of DTL-1 with the D-Plate beam box installed and bead pull equipment in place



Component	Engineer	Tank 4					Tank 5				
		Identifier	Quantity	Shipping Date	Delivered	Change from last week	Identifier	Quantity	Shipping Date	Delivered	Change from last week
Drift Tubes	Gentzlinger	4A	7	11-Aug-03	0		5E	8	9-Sep-03	0	
		4B	6	18-Aug-03	0		5F	7	15-Sep-03	0	
		4C	6	25-Aug-03	0		5G	8	22-Sep-03	0	
		4D	8	1-Sep-03	0						
Dummies	Gentzlinger			With DT Groups					With DT Groups		
EMDs	O'Hara		4	20-Oct-03	0			4	20-Oct-03	0	
BPMs	O'Hara		2	20-Oct-03	0			2	20-Oct-03	0	
Top hats	Rowton	1.25"	27	1-Aug-03	0		1.25"	23	1-Aug-03	0	
Shrouds	Rowton		27	5-Aug-03	0			23	5-Aug-03	0	
Endwalls	Turon		2	Complete	2			2	Complete	2	
Post Coupler Kits	Rowton		27	Bead Pull + 15	0			23	Bead Pull + 15	0	
Slug Tuners	Rowton		12	Bead Pull + 7	0			12	Bead Pull + 7	0	
Access Ports			2		0			2		0	
RF Grills			4		0			4		0	
Wave Guide-Iris	Valdiviez		1	30-Jul-03	0			1	7-Aug-03	0	
Window	Cummings		1	14-Jul-03	0			1	14-Jul-03	0	
Stands	Turon		1	Complete	1			1	Complete	1	0

Milestones

Ready for RF

Ready for Beam

Tank Commissioning complete

Date

1-Dec-03

1-Apr-04

Date

1-Dec-03

1-Apr-04

Component	Engineer	Tank 6					Tank 2				
		Identifier	Quantity	Shipping Date	Delivered	Change from last week	Identifier	Quantity	Shipping Date	Delivered	Change from last week
Drift Tubes	Gentzlinger	6H	10	30-Sep-03	0		2J	12	3-Oct-03	0	
		6I	11	8-Oct-03	0		2K	12	9-Oct-03	0	
							2L	11	16-Oct-03	0	
							2M	8	23-Oct-03	0	
Dummies	Gentzlinger			With DT Groups					None		
EMDs	O'Hara		4	1-Oct-03	0			4	1-Oct-03	0	
BPMs	O'Hara		2	1-Oct-03	0			2	1-Oct-03	0	
Top hats	Rowton	1.25"	21	1-Aug-03	0		.75"	41	1-Aug-03	0	
Shrouds	Rowton		21	5-Aug-03	0		1.00"	6	1-Aug-03	0	
Endwalls	Turon		2	Complete	2			47	10-Jul-03	0	
Post Coupler Kits	Rowton		21	Bead Pull + 15	0			2	Complete	2	
Slug Tuners	Rowton		12	Bead Pull + 7	0			27	Bead Pull + 15	0	
Access Ports			2		0			12	Bead Pull + 7	0	
RF Grills			4		0			1		0	
Wave Guide-Iris	Valdiviez		1	23-Aug-03	0			4		0	
Window	Cummings		1	28-Aug-03	0			1	3-Sep-03	0	
Stands	Turon		1	Complete	1	0		1	28-Aug-03	1	
								1	Complete		